

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--------------------|------------------|
| 1 | 1048 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (salt same alkali) | USPAT; US-PGPUB | 2004/03/19 17:54 |
| 2 | 940 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (salt same alkali) | USPAT; US-PGPUB | 2004/03/19 17:54 |
| 3 | 5 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and computer and database and (salt same alkali) | USPAT; US-PGPUB | 2004/03/19 17:58 |
| 4 | 1 | 5846265.pn. and salt\$1 and alkali\$1 and cost\$1 | USPAT; US-PGPUB | 2004/03/19 17:56 |
| 5 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (salt same alkali same compatib\$5 same cost\$1) | USPAT; US-PGPUB | 2004/03/19 17:58 |
| 6 | 30 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (salt same alkali same compatib\$5) | USPAT; US-PGPUB | 2004/03/19 18:11 |
| 7 | 88 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity) | USPAT; US-PGPUB | 2004/03/19 18:12 |
| 8 | 31 | @pd < "20011127" and 8.clas. and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity) | USPAT; US-PGPUB | 2004/03/19 18:55 |
| 9 | 0 | 5984978.pn. and "T50" | USPAT; US-PGPUB | 2004/03/19 18:16 |
| 10 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity same fixation same "T50") | USPAT; US-PGPUB | 2004/03/19 18:17 |
| 11 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity same fixation same "T50") and 8.clas | USPAT; US-PGPUB | 2004/03/19 18:18 |
| 12 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity same fixation same "T" near3 "50") and 8.clas | USPAT; US-PGPUB | 2004/03/19 18:18 |
| 13 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity same fixation same "T" near3 "50") | USPAT; US-PGPUB | 2004/03/19 18:18 |
| 14 | 0 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (exhaustion same reactivity same fixation same "T" near3 "50") | USPAT; US-PGPUB | 2004/03/19 18:18 |
| 15 | 25 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("T" near3 "50") | USPAT; US-PGPUB | 2004/03/19 18:23 |
| 16 | 0 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("T.sub.50") | USPAT; US-PGPUB | 2004/03/19 18:23 |
| 17 | 3 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4 same ("T" near3 "50")) | USPAT; US-PGPUB | 2004/03/19 18:28 |
| 18 | 25 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("T" near3 "50") | USPAT; US-PGPUB | 2004/03/19 18:30 |
| 19 | 0 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (("T" near3 "50") same exhaust\$3) | USPAT; US-PGPUB | 2004/03/19 18:30 |
| 20 | 76 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (fixation same reactivity same exhaust\$3) | USPAT; US-PGPUB | 2004/03/19 18:31 |
| 21 | 73 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (fixation same reactivity same exhaust\$3) | USPAT; US-PGPUB | 2004/03/19 18:32 |
| 22 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (fixation same reactivity same exhaust\$3) and 8.clas | USPAT; US-PGPUB | 2004/03/19 18:31 |
| 23 | 73 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") | USPAT; US-PGPUB | 2004/03/19 18:33 |
| 24 | 20 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") and reactivity and fixation | USPAT; US-PGPUB | 2004/03/19 18:33 |

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| 25 | 10 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") and reactivity and fixation and "T" | USPAT; US-PGPUB | 2004/03/19 18:39 |
| 28 | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") and reactivity and fixation and "half fixation" | USPAT; US-PGPUB | 2004/03/19 18:38 |
| 29 | 0 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") and reactivity and fixation and "time of half fixation" | USPAT; US-PGPUB | 2004/03/19 18:39 |
| 30 | 20 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("exhaust dyeing method") and (reactivity same fixation) | USPAT; US-PGPUB | 2004/03/19 18:39 |
| 31 | 3721 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) | USPAT; US-PGPUB | 2004/03/19 18:56 |
| 32 | 0 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("dyeing machines" and "dyeing liquor ratio" and "dye recipe") | USPAT; US-PGPUB | 2004/03/19 18:56 |
| 33 | 0 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (machine\$1 and "dyeing liquor ratio" and "dye recipe") | USPAT; US-PGPUB | 2004/03/19 18:57 |
| 34 | 12 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (machine\$1 and "liquor ratio" and recipe) | USPAT; US-PGPUB | 2004/03/19 19:10 |
| 35 | 19 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("60" same "80" same ("reactive dye" or "reactive dyes")) | USPAT; US-PGPUB | 2004/03/19 19:12 |
| 36 | 1 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("60" same "80" same degree\$1 same ("reactive dye" or "reactive dyes")) | USPAT; US-PGPUB | 2004/03/19 19:13 |
| 37 | 374 | @pd < "20011127" and (cotton same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and (temperature same ("reactive dye" or "reactive dyes")) | USPAT; US-PGPUB | 2004/03/19 19:14 |
| - | 0 | @pd < "20011127" and ("expert system" or "rules based system" or "rule based system") and "cotton fabric" and dyeing | USPAT; US-PGPUB | 2004/03/19 14:53 |
| - | 10 | @pd < "20011127" and database and "cotton fabric" and dyeing | USPAT; US-PGPUB | 2004/03/06 09:16 |
| - | 20 | @ad < "20011127" and database and "cotton fabric" and dyeing | USPAT; US-PGPUB | 2004/03/06 09:16 |
| - | 0 | @ad < "20011127" and "expert system" and "cotton" and dyeing | USPAT; US-PGPUB | 2004/03/06 09:17 |
| - | 33 | @ad < "20011127" and "expert system" and "cotton" and dy\$4 | USPAT; US-PGPUB | 2004/03/06 09:17 |
| - | 33 | @ad < "20011127" and "expert system" and "cotton" and (fabric\$1 or textile\$1 or cloth\$3 or material) and dy\$4 | USPAT; US-PGPUB | 2004/03/06 09:18 |
| - | 0 | @ad < "20011127" and "expert system" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) | USPAT; US-PGPUB | 2004/03/06 09:18 |
| - | 4211 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) | USPAT; US-PGPUB | 2004/03/06 09:18 |
| - | 35 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and computer and database | USPAT; US-PGPUB | 2004/03/06 09:24 |
| - | 0 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and computer and database and ("K/S") | USPAT; US-PGPUB | 2004/03/19 17:53 |
| - | 91 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("K/S") | USPAT; US-PGPUB | 2004/03/19 11:21 |
| - | 69 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("K/S") | USPAT; US-PGPUB | 2004/03/06 09:25 |
| - | 22 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4 same reactive) and ("K/S") | USPAT; US-PGPUB | 2004/03/06 09:25 |
| - | 16 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4 same reactive) and ("K/S" and absorb\$5) | USPAT; US-PGPUB | 2004/03/06 09:32 |

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| - | 0 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4 same reactive) and ("alkali volume" and (dy\$5 adj process\$2 and cost\$1)) | USPAT; US-PGPUB | 2004/03/06 09:33 |
| - | 59 | @pd < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4 same reactive) and (salt and alkali and cost\$1) | USPAT; US-PGPUB | 2004/03/06 09:33 |
| - | 23 | @ad < "20011127" and ("cotton" same (fabric\$1 or textile\$1 or cloth\$3 or material) same dy\$4) and ("K/S") and Harper | USPAT; US-PGPUB | 2004/03/19 11:22 |
| - | 0 | @pd < "20011127" and ("expert system" or "rules based system" or "rule based system") and dyeing | USPAT; US-PGPUB | 2004/03/19 11:55 |
| - | 2655 | @pd < "20011127" and ("expert system") | USPAT; US-PGPUB | 2004/03/19 11:55 |
| - | 1131 | @pd < "20011127" and ("expert system") and manufactur\$5 | USPAT; US-PGPUB | 2004/03/19 11:55 |
| - | 42 | @pd < "20011127" and ("expert system") and manufactur\$5 and (cloth or fabric\$2 or textile\$2) | USPAT; US-PGPUB | 2004/03/19 11:57 |
| - | 38538 | @pd < "20011127" and ((cloth or fabric\$2 or textile\$2) and dy\$4) | USPAT; US-PGPUB | 2004/03/19 11:58 |
| - | 194 | @pd < "20011127" and ((cloth or fabric\$2 or textile\$2) and dy\$4) and ((knowledge or rules or database) same system) | USPAT; US-PGPUB | 2004/03/19 11:58 |
| - | 188 | @pd < "20011127" and ((cloth or fabric\$2 or textile\$2) and dy\$4) and ((knowledge or rules or expert or inference) same system) | USPAT; US-PGPUB | 2004/03/19 11:58 |
| - | 64 | @pd < "20011127" and ((cloth or fabric\$2 or textile\$2) same dy\$4) and ((knowledge or rules or expert or inference) same system) | USPAT; US-PGPUB | 2004/03/19 11:59 |
| - | 21 | @pd < "20011127" and ((cloth or fabric\$2 or textile\$2) same dy\$4) and ((knowledge or rules or expert or inference) same system) and cotton | USPAT; US-PGPUB | 2004/03/19 12:01 |
| - | 555 | @pd < "20011127" and (cotton adj4 (dying or dyeing)) | USPAT; US-PGPUB | 2004/03/19 12:02 |
| - | 13 | @pd < "20011127" and (cotton adj4 (dying or dyeing)) and computer | USPAT; US-PGPUB | 2004/03/19 12:04 |
| - | 1 | 4562604.pn. | USPAT; US-PGPUB | 2004/03/19 12:02 |
| - | 0 | @pd < "20011127" and (cotton adj4 (dying or dyeing)) and ((expert or rules or knowledge or inference) adj2 system) | USPAT; US-PGPUB | 2004/03/19 12:04 |
| - | 0 | @ad < "20011127" and (cotton adj4 (dying or dyeing)) and ((expert or rules or knowledge or inference) adj2 system) | USPAT; US-PGPUB | 2004/03/19 12:05 |
| - | 20 | @ad < "20011127" and ((dying or dyeing)) and ((expert or rules or knowledge or inference) adj2 system) | USPAT; US-PGPUB | 2004/03/19 12:08 |
| - | 1084 | @pd < "20011127" and 706/45-54.ccls. | USPAT; US-PGPUB | 2004/03/19 12:10 |
| - | 4 | @pd < "20011127" and 706/45-54.ccls. and (dying or dyeing) | USPAT; US-PGPUB | 2004/03/19 12:08 |
| - | 15 | @pd < "20011127" and 706/45-54.ccls. and (cloth or textile or fabric) | USPAT; US-PGPUB | 2004/03/19 12:10 |
| - | 179 | @pd < "20011127" and 706/47.ccls. | USPAT; US-PGPUB | 2004/03/19 14:54 |
| - | 18 | @pd < "20011127" and 706/47.ccls. and "user interface" and inference and database | USPAT; US-PGPUB | 2004/03/19 14:54 |